

Title (en)

METHOD AND SYSTEM IN A FOREST MACHINE

Title (de)

VERFAHREN UND SYSTEM IN EINER WALDMASCHINE

Title (fr)

PROCÉDÉ ET SYSTÈME DANS UNE MACHINE FORESTIÈRE

Publication

EP 4013216 A1 20220622 (EN)

Application

EP 20853032 A 20200814

Priority

- FI 20195678 A 20190814
- FI 2020050529 W 20200814

Abstract (en)

[origin: WO2021028622A1] The invention relates to a method in a forest machine. In the method the surroundings of the forest machine (10) are observed using one or more sensors (15). The observations are assembled to form a database (12) of the surroundings, and the database (12) is utilized in the operation of the forest machine (10). In the method observations of a limited area are used. In addition, a database (12) is formed in real time in the forest machine (10). Further, a view (19) is formed from the database (12) of selected observations, from which a track (13) in the surroundings is recognized. The forest machine (10) is then oriented in the direction of the track (13), once the forest machine's (10) direction of travel (14) relative to the recognized track (13) has been recognized. The invention also relates to a system in a forest machine.

IPC 8 full level

A01G 23/00 (2006.01); **B62D 15/02** (2006.01); **G05D 1/02** (2020.01); **G06V 20/56** (2022.01); **G08G 1/16** (2006.01)

CPC (source: EP FI US)

A01G 23/00 (2013.01 - EP); **A01G 23/003** (2013.01 - FI); **B60W 60/0025** (2020.02 - US); **B62D 15/0265** (2013.01 - FI); **G05D 1/0221** (2024.01 - EP FI); **G05D 1/0248** (2024.01 - EP); **G05D 1/0274** (2024.01 - EP); **G06V 20/56** (2022.01 - EP); **G06V 20/58** (2022.01 - FI US); **G08G 1/165** (2013.01 - FI); **A01G 23/08** (2013.01 - US); **B60W 2300/158** (2013.01 - US); **B60W 2420/403** (2013.01 - US); **B60W 2420/408** (2024.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2021028622 A1 20210218; BR 112022002663 A2 20220503; CA 3147842 A1 20210218; CN 114258265 A 20220329; EP 4013216 A1 20220622; EP 4013216 A4 20230913; FI 20195678 A1 20210215; US 2022266868 A1 20220825

DOCDB simple family (application)

FI 2020050529 W 20200814; BR 112022002663 A 20200814; CA 3147842 A 20200814; CN 202080057235 A 20200814; EP 20853032 A 20200814; FI 20195678 A 20190814; US 202017632433 A 20200814